

MARKED-UP COPY OF CLAIMS

1.(amended) A method of providing a copy of at least one page of a printed document, the document including coded data indicative of the identity of the document and of at least one reference point of the document, the method including the steps of:

receiving, in a computer system, indicating data from a sensing device operated by [the] a user, said indicating data regarding the identity of the document and a position of the sensing device relative to the document; the sensing device, when placed in an operative position relative to the document, sensing the indicating data using at least some of the coded data;

identifying in the computer system and from the indicating data, a request for a copy of at least one page of the document; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

4.(amended) A method of providing a copy of at least one page of a printed document, the document including coded data indicative of a request for a copy of the at least one page of the document, the method including the steps of:

receiving, in a computer system, data from a sensing device operated by [the] a user regarding the request, the sensing device, when placed in an operative position relative to the document, sensing the data regarding the request using at least some of the coded data; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

5.(amended) A method of providing a copy of at least one page of a printed document, the document including coded data indicative of a request for a copy of at least one page of the document, the method including the steps of:

receiving, in a computer system, data from a sensing device operated by [the] a user regarding the request and regarding movement of the sensing device relative to the document, the sensing device, when moved relative to the document, sensing the data regarding the request using at least some of the coded data and generating the data regarding its own movement relative to the document;

interpreting, in the computer system, said movement of the sensing device as

designating the request; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

6.(amended) A method of providing a copy of at least one page of a printed document, the document including coded data indicative of an identity of the document, the method including the steps of;

receiving, in a computer system, data from a sensing device regarding an identity of [the] a user and regarding the identity of the document and at least one page within the document, the sensing device containing the data regarding the identity of the user and sensing the data regarding the identity of the document and the at least one page within the document using at least some of the coded data;

identifying, in the computer system from the data regarding the identity of the user and the identity of the document and the at least one page within the document, a request for a printed copy of the at least one page of the document; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

19.(amended) A system for providing a printed document, the document including coded data indicative of the identity of the document, the system including:

a computer system for receiving from a sensing device data regarding an identity of [the] a user of the sensing device and the identity of the document, and for identifying, from said received data, a request for a copy of at least one page of the document, the sensing device containing the data regarding the identity of the user and sensing the data regarding the identity of the document using at least some of the coded data; the computer system being configured to transmit relevant document data to at least one printer to effect printing of the copy of the at least one page.

CLEAN COPY OF CLAIMS

1. A method of providing a copy of at least one page of a printed document, the document including coded data indicative of the identity of the document and of at least one reference point of the document, the method including the steps of:

receiving, in a computer system, indicating data from a sensing device operated by a user, said indicating data regarding the identity of the document and a position of the sensing device relative to the document, the sensing device, when placed in an operative position relative to the document, sensing the indicating data using at least some of the coded data;

identifying in the computer system and from the indicating data, a request for a copy of at least one page of the document; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

4. A method of providing a copy of at least one page of a printed document, the document including coded data indicative of a request for a copy of the at least one page of the document, the method including the steps of:

receiving, in a computer system, data from a sensing device operated by a user regarding the request, the sensing device, when placed in an operative position relative to the document, sensing the data regarding the request using at least some of the coded data; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

5. A method of providing a copy of at least one page of a printed document, the document including coded data indicative of a request for a copy of at least one page of the document, the method including the steps of:

receiving, in a computer system, data from a sensing device operated by a user regarding the request and regarding movement of the sensing device relative to the document, the sensing device, when moved relative to the document, sensing the data regarding the request using at least some of the coded data and generating the data regarding its own movement relative to the document;

interpreting, in the computer system, said movement of the sensing device as designating the request; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

6. A method of providing a copy of at least one page of a printed document, the document including coded data indicative of an identity of the document, the method including the steps of;

receiving, in a computer system, data from a sensing device regarding an identity of a user and regarding the identity of the document and at least one page within the document, the sensing device containing the data regarding the identity of the user and sensing the data regarding the identity of the document and the at least one page within the document using at least some of the coded data;

identifying, in the computer system from the data regarding the identity of the user and the identity of the document and the at least one page within the document, a request for a printed copy of the at least one page of the document; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy of the at least one page.

19. A system for providing a printed document, the document including coded data indicative of the identity of the document, the system including:

a computer system for receiving from a sensing device data regarding an identity of a user of the sensing device and the identity of the document, and for identifying, from said received data, a request for a copy of at least one page of the document, the sensing device containing the data regarding the identity of the user and sensing the data regarding the identity of the document using at least some of the coded data; the computer system being configured to transmit relevant document data to at least one printer to effect printing of the copy of the at least one page.

29. A method to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of an identity of the document and of a plurality of reference points of the document, the method including the steps of receiving, in a computer system, indicating data from a sensing device, the indicating data indicative of both an identity of the document and a position of the sensing device relative to the document, the sensing device, when placed operatively relative to the document, generating the indicating data based at least partially on sensing at least some of the coded data in the vicinity of the position; and identifying in the computer system and from the indicating data, a copy request, the copy request being a request for a copy of at least part of the document; and transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy.
30. The method of claim 29 in which said copy request is associated with at least one zone of the document and in which the method includes identifying, in the computer system and from the zone relative to which the sensing device is placed, said copy request.
31. The method of claim 30 which includes receiving, in the computer system, movement data regarding movement of the sensing device relative to the document, the sensing device generating the movement data using at least some of the coded data; and identifying, in the computer system and from said movement being at least partially within said at least one zone, said copy request.
32. The method of claim 31 including identifying, in the computer system, that the person has entered a hand-drawn mark by means of the sensing device.
33. The method of claim 29 which includes printing the document in response to, receiving, in the computer system, a document request, the document request being a request for the document.
34. The method of claim 33 which includes causing the document and the coded data to be printed onto the surface substantially simultaneously.
35. The method of claim 29 wherein the coded data is substantially invisible to the average unaided human eye.
36. The method of claim 29 which includes retaining a retrievable record of each copy printed, the document being retrievable using at least some of the coded data of the surface on which the document is printed.
37. The method of claim 29 in which the sensing device contains data indicative of an

identity of the person and the method includes monitoring, in the computer system, said identity.

38. The method of claim 29 in which the document is printed on multiple pages and in which the method includes binding the pages.

39. The method of claim 29 which includes the step of sending a physical object to the person, the physical object including the document and the coded data.

40. The method of claim 29 wherein a printer associated with the person is caused to print, on a second surface, the copy.

41. The method of claim 40, wherein the second surface has coded data indicative of an identity of the copy.

42. A method to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of an identity of the document and of a plurality of reference points of the document, the method including the steps of

causing the document and the coded data to be printed onto the surface substantially simultaneously;

receiving, in a computer system, indicating data from a sensing device, the indicating data indicative of both an identity of the document and a position of the sensing device relative to the document, the sensing device, when placed operatively relative to the document, generating the indicating data based at least partially on sensing at least some of the coded data in the vicinity of the position; and

identifying in the computer system and from the indicating data, a copy request, the copy request being a request for a copy of at least part of the document; and transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy.

43. The method of claim 42 in which said copy request is associated with at least one zone of the document and in which the method includes identifying, in the computer system and from the zone relative to which the sensing device is placed, said copy request.

44. The method of claim 43 which includes receiving, in the computer system, movement data regarding movement of the sensing device relative to the document, the sensing device generating the movement data using at least some of the coded data; and identifying, in the computer system and from said movement being at least partially within said at least one zone, said copy request.

45. The method of claim 42 including identifying, in the computer system, that the

person has entered a hand-drawn mark by means of the sensing device.

46. The method of claim 42 which includes printing the document in response to receiving, in the computer system, a document request, the document request being a request for the document.

47. The method of claim 42 wherein the coded data is substantially invisible to the average unaided human eye.

48. The method of claim 42 which includes retaining a retrievable record of each copy printed, the document being retrievable using at least some of the coded data of the surface on which the document is printed.

49. The method of claim 42 in which the sensing device contains data indicative of an identity of the person and the method includes monitoring, in the computer system, said identity.

50. The method of claim 42 in which the document is printed on multiple pages and in which the method includes binding the pages.

51. The method of claim 42 which includes the step of sending a physical object to the person, the physical object including the document and the coded data.

52. The method of claim 42 wherein a printer associated with the person is caused to print, on a second surface, the copy.

53. The method of claim 52, wherein the second surface has coded data indicative of an identity of the copy.

54. A method to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of an identity of the document and of a plurality of reference points of the document, the method including the steps of

receiving, in a computer system, a document request, the document request being a request for the document;

causing, in response to the document request, the document to be printed onto the surface;

receiving, in the computer system, indicating data from a sensing device, the indicating data indicative of both an identity of the document and a position of the sensing device relative to the document, the sensing device, when placed operatively relative to the document, generating the indicating data based at least partially on sensing at least some of the coded data in the vicinity of the position; and identifying in the computer system and from the indicating data, a copy request, the copy request being a request for a copy of at least part of the document; and

transmitting, from the computer system, relevant document data to at least one printer to effect printing of the copy.

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55. The method of claim 54 in which said copy request is associated with at least one zone of the document and in which the method includes identifying, in the computer system and from the zone relative to which the sensing device is placed, said copy request.
56. The method of claim 55 which includes receiving, in the computer system, movement data regarding movement of the sensing device relative to the document, the sensing device generating the movement data using at least some of the coded data; and identifying, in the computer system and from said movement being at least partially within said at least one zone, said copy request.
57. The method of claim 54 in which said copy request is associated with at least one zone of the document and in which the method includes identifying, in the computer system and from the zone relative to which the sensing device is placed, said copy request.
58. The method of claim 57 including identifying, in the computer system, that the person has entered a hand-drawn mark by means of the sensing device.
59. The method of claim 54 which includes causing the document and the coded data to be printed onto the surface substantially simultaneously.
60. The method of claim 54 wherein the coded data is substantially invisible to the average unaided human eye.
61. The method of claim 54 which includes retaining a retrievable record of each copy printed, the document being retrievable using at least some of the coded data of the surface on which the document is printed.
62. The method of claim 54 in which the sensing device contains data indicative of an identity of the person and the method includes monitoring, in the computer system, said identity.
63. The method of claim 54 in which the document is printed on multiple pages and in which the method includes binding the pages.
64. The method of claim 54 which includes the step of sending a physical object to the person, the physical object including the document and the coded data.
65. The method of claim 54 wherein a printer associated with the person is caused to print, on a second surface, the copy.
66. The method of claim 65, wherein the second surface has coded data indicative of an identity of the copy.

67. A method to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of a copy request, the copy request being a request for the copy, the method including the steps of:

causing the document and the coded data to be printed onto the surface substantially simultaneously;

receiving, in a computer system, data from a sensing device regarding said copy request and regarding movement of the sensing device relative to the document, the sensing device, when moved relative to the document, generating the data regarding said copy request using at least some of the coded data and substantially simultaneously generating the data regarding its own movement relative to the document; and

interpreting, in the computer system, said movement of the sensing device as it relates to said copy request.

68. The method of claim 67 including identifying, in the computer system, that the person has entered a hand-drawn mark by means of the sensing device.

69. The method of claim 67 which includes printing the document in response to, receiving in the computer system, a document request, the document request being a request for the document received in the computer system.

70. The method of claim 67 wherein the coded data is substantially invisible to the average unaided human eye.

71. The method of claim 67 which includes retaining a retrievable record of each copy printed, the document being retrievable using at least some of the coded data of the surface on which the document is printed.

72. The method of claim 67 in which the sensing device contains data indicative of an identity of the person and the method includes monitoring, in the computer system, said identity.

73. The method of claim 67 in which the document is printed on multiple pages and in which the method includes binding the pages.

74. The method of claim 67 which includes the step of sending a physical object to the person, the physical object including the document and the coded data.

75. The method of claim 67 wherein a printer associated with the person is caused to print, on a second surface, the copy.

76. The method of claim 75, wherein the second surface has coded data indicative of an identity of the copy.

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77. A method to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of a copy request, the copy request being a request for the copy, the method including the steps of

receiving, in a computer system, a document request, the document request being a request for the document;

causing, in response to the document request, the document to be printed onto the surface;

receiving, in the computer system, data from a sensing device regarding said request and regarding movement of the sensing device relative to the document, the sensing device, when moved relative to the document, generating the data regarding said copy request using at least some of the coded data and substantially simultaneously generating the data regarding its own movement relative to the document; and interpreting, in the computer system, said movement of the sensing device as it relates to said copy request.

78. The method of claim 77 including identifying, in the computer system, that the person has entered a hand-drawn mark by means of the sensing device.

79. The method of claim 77 which includes causing the document and the coded data to be printed on the surface substantially simultaneously.

80. The method of claim 77 wherein the coded data is substantially invisible to the average unaided human eye.

81. The method of claim 77 which includes retaining a retrievable record of each copy printed, the document being retrievable using at least some of the coded data of the surface on which the document is printed.

82. The method of claim 77 in which the sensing device contains data indicative of an identity of the person and the method includes monitoring, in the computer system, said identity.

83. The method of claim 77 in which the document is printed on multiple pages and in which the method includes binding the pages.

84. The method of claim 77 which includes the step of sending a physical object to the person, the physical object including the document and the coded data.

85. The method of claim 77 wherein a printer associated with the person is caused to print, on a second surface, the copy.

86. The method of claim 85, wherein the second surface has coded data indicative of an identity of the copy.

87. A method to enable a person to make a copy of at least one part of a physical object including a document and coded data, the coded data indicative of an identity of the document, the method including the steps of:

providing the person with the physical object;
receiving, in a computer system, data from a sensing device indicative of an identity of the person and indicative of the identity of the document, the sensing device containing the data indicative of the identity of the person and generating the data indicative of the identity of the document using at least some of the coded data; and
identifying, in the computer system and from the data indicative of the identity of the person and the identity of the document, a copy request, the copy request being a request for a copy of at least one part of the physical object.

88. The method of claim 87 which includes receiving, in the computer system, movement data from the sensing device regarding movement of the sensing device relative to the document, the sensing device generating the movement data.

89. The method of claim 88 including identifying, in the computer system, that the person has entered a hand-drawn mark by means of the sensing device.

90. The method of claim 87 which includes printing the document in response to, receiving in the computer system, a document request, the document request being a request for the document.

91. The method of claim 87 which includes causing the document and the coded data to be printed onto the surface substantially simultaneously.

92. The method of claim 87 wherein the coded data is substantially invisible to the average unaided human eye.

93. The method of claim 87 which includes retaining a retrievable record of each copy printed, the document being retrievable using at least some of the coded data of the surface on which the document is printed.

94. The method of claim 87 in which the document is printed on multiple pages and in which the method includes binding the pages.

95. The method of claim 87 which includes the step of sending the physical object to the person, the physical object including the document and the coded data.

96. The method of claim 87 wherein a printer associated with the person is caused to print, on a second surface, the copy.

97. The method of claim 96, wherein the second surface has coded data indicative of an identity of the copy.

98. A system to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of an identity of the document and of a plurality of reference points of the document, the system including

a computer system which:

receives indicating data from a sensing device, the indicating data indicative of both an identity of the document and a position of the sensing device relative to the document, the sensing device, when placed operatively relative to the document, generating the indicating data based at least partially on sensing at least some of the coded data in the vicinity of the position; and identifies, from the indicating data, a copy request, the copy request being a request for a copy of at least part of the document; and

transmits relevant document data to at least one printer to effect printing of the copy.

99. The system of claim 98 in which said copy request is associated with at least one zone of the document.

100. The system of claim 98 which includes the sensing device, the sensing device sensing its movement relative to the document using at least some of the coded data.

101. The system of claim 100 in which the sensing device includes a marking nib.

102. The system of claim 100 in which the sensing device contains an identification means which imparts a unique identity to the sensing device and identifies it as being associated with a particular person.

103. The system of claim 98 including a printer for printing the document in response to receiving, in the computer system, a document request, the document request being a request for the document.

104. The system of claim 98 including a printer for printing the document in which the printer prints the coded data at substantially the same time as the document.

105. The system of claim 104 in which, to cater for a document printed on multiple pages, the printer includes a binder for binding the pages.

106. The system of claim 98 in which the coded data is substantially invisible to an average unaided human eye.

107. The system of claim 98 which includes a database for keeping a retrievable record of each document generated, each record being retrievable using at least some of the coded data of the surface on which the document is printed.

108. A system to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of an identity of the document and

of a plurality of reference points of the document, the system including

a computer system which:

causes the document and the coded data to be printed onto the surface substantially simultaneously;

receives indicating data from a sensing device, the indicating data indicative of both an identity of the document and a position of the sensing device relative to the document, the sensing device, when placed operatively relative to the document, generating the indicating data based at least partially on sensing at least some of the coded data in the vicinity of the position; and

identifies, from the indicating data, a copy request, the copy request being a request for a copy of at least part of the document; and

transmits relevant document data to at least one printer to effect printing of the copy.

109. The system of claim 108 in which said copy request is associated with at least one zone of the document.

110. The system of claim 108 which includes the sensing device, the sensing device sensing its movement relative to the document using at least some of the coded data.

111. The system of claim 110 in which the sensing device includes a marking nib.

112. The system of claim 110 in which the sensing device contains an identification means which imparts a unique identity to the sensing device and identifies it as being associated with a particular person.

113. The system of claim 108 including a printer for printing the document in response to receiving, in a computer system, a document request, the document request being a request for the document.

114. The system of claim 108 including a printer for printing the document in which the printer prints the coded data at substantially the same time as the document.

115. The system of claim 114 in which, to cater for a document printed on multiple pages, the printer includes a binder for binding the pages.

116. The system of claim 108 in which the coded data is substantially invisible to an average unaided human eye.

117. The system of claim 108 which includes a database for keeping a retrievable record of each document generated, each record being retrievable using at least some of the coded data of the surface on which the document is printed.

118. A system to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of an identity of the document and

of a plurality of reference points of the document, the system including

a computer system which:

receives a document request, the document request being a request for the document;
causes, in response to the document request, the document to be printed onto the
surface;

receives indicating data from a sensing device, the indicating data indicative of both
an identity of the document and a position of the sensing device relative to the
document, the sensing device, when placed operatively relative to the document,
generating the indicating data based at least partially on sensing at least some of the
coded data in the vicinity of the position; and

identifies, from the indicating data, a copy request, the copy request being a request
for a copy of at least part of the document; and

transmits relevant document data to at least one printer to effect printing of the copy.

119. The system of claim 118 in which said copy request is associated with at least one
zone of the document.

120. The system of claim 118 which includes the sensing device, the sensing device
sensing its movement relative to the document using at least some of the coded data.

121. The system of claim 118 which includes the sensing device, the sensing device
sensing its movement relative to the document.

122. The system of claim 121 in which the sensing device includes a marking nib.

123. The system of claim 122 in which the sensing device contains an identification
means which imparts a unique identity to the sensing device and identifies it as being
associated with a particular person.

124. The system of claim 118 including a printer for printing the document in response to
receiving, in a computer system, a document request, the document request being a request
for the document.

125. The system of claim 118 including a printer for printing the document in which the
printer prints the coded data at substantially the same time as the document.

126. The system of claim 125 in which, to cater for a document printed on multiple pages,
the printer includes a binder for binding the pages.

127. The system of claim 118 in which the coded data is substantially invisible to an
average unaided human eye.

128. The system of claim 118 which includes a database for keeping a retrievable record
of each document generated, each record being retrievable using at least some of the coded

data of the surface on which the document is printed.

129. A system to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of a copy request, the copy request being a request for the copy, the system including

a computer system which:

causes the document and the coded data to be printed onto the surface substantially simultaneously;

receives indicating data from a sensing device regarding said copy request and regarding movement of the sensing device relative to the document, the sensing device, when moved relative to the document, generating the indicating data; and

interprets said movement of the sensing device as it relates to said copy request.

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130. The system of claim 129 which includes the sensing device, the sensing device sensing its movement relative to the document.

131. The system of claim 130 in which the sensing device includes a marking nib.

132. The system of claim 130 in which the sensing device contains an identification means which imparts a unique identity to the sensing device and identifies it as being associated with a particular person.

133. The system of claim 129 including a printer for printing the document in response to receiving, in a computer system, a document request, the document request being a request for the document.

134. The system of claim 129 including a printer for printing the document in which the printer prints the coded data at substantially the same time as the document.

135. The system of claim 134 in which, to cater for a document printed on multiple pages, the printer includes a binder for binding the pages.

136. The system of claim 129 in which the coded data is substantially invisible to an average unaided human eye.

137. The system of claim 129 which includes a database for keeping a retrievable record of each document generated, each record being retrievable using at least some of the coded data of the surface on which the document is printed.

138. A system to enable a person to make a copy of at least part of a physical object, including a document and coded data, the coded data, indicative of an identity of the document, the system including

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a computer system for receiving from a sensing device data indicative of an identity of the person and the identity of the document, and for identifying, from said received data, a copy request, the copy request being a request for the copy, the sensing device containing the data indicative of the identity of the person and sensing the data indicative of the identity of the document using at least some of the coded data.

139. The system of claim 138 which includes the sensing device, the sensing device sensing its movement relative to the document.

140. The system of claim 139 in which the sensing device includes a marking nib.

141. The system of claim 138 including a printer for printing the document in response to receiving, in the computer system, a document request, the document request being a request for the document.

142. The system of claim 138 including a printer for printing the document in which the printer prints the coded data at substantially the same time as the document.

143. The system of claim 138 in which the coded data is substantially invisible to an average unaided human eye.

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144. The system of claim 138 which includes a database for keeping a retrievable record of each document generated, each record being retrievable using at least some of the coded data of the surface on which the document is printed.

145. The system of claim 138 in which, to cater for a document printed on multiple pages, the printer includes a binder for binding the pages.

146. A system to enable a person to make a copy of at least part of a document printed onto a surface, the surface having coded data indicative of a copy request, the copy request being a request for the copy, the system including

a computer system which:

receives a document request, the document request being a request for the document;

causes, in response to the document request, the document to be printed onto the surface;

receives indicating data from a sensing device regarding said copy request and regarding movement of the sensing device relative to the document, the sensing device, when moved relative to the document, generating the indicating data,

and interprets said movement of the sensing device as it relates to said copy request.

147. The system of claim 146 which includes the sensing device, the sensing device

sensing its movement relative to the document.

148. The system of claim 147 in which the sensing device includes a marking nib.

149. The system of claim 147 in which the sensing device contains identity data which imparts a unique identity to the sensing device and identifies it as being associated with a particular person.

150. The system of claim 146 including a printer for printing the document.

151. The system of claim 146 including a printer for printing the document in which the printer prints the coded data at substantially the same time as the document.

152. The system of claim 146 in which, to cater for a document printed on multiple pages, the printer includes a binder for binding the pages.

153. The system of claim 146 in which the coded data is substantially invisible to an average unaided human eye.

154. The system of claim 146 which includes a database for keeping a retrievable record of each document generated, each record being retrievable using at least some of the coded data of the surface on which the document is printed.

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Market-up copy

- 1 -

METHOD AND SYSTEM FOR PROVIDING A COPY OF A PRINTED PAGE

FIELD OF INVENTION

The present invention relates generally to distributed computing systems and,
5 more particularly, to a system and method for providing a copy of a page from a printed document.

CO-PENDING APPLICATIONS

Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of
10 the present invention simultaneously with the present application:

15 NPA001US, NPA002US, NPA003US, NPA004US, NPA005US, NPA006US,
NPA007US, NPA008US, NPA009US, NPA010US, NPA012US, NPA016US,
NPA017US, NPA018US, NPA019US, NPA020US, NPA021US, NPA030US,
NPA035US, NPA048US, NPA050US, NPA051US, NPA052US, NPA075US,
NPB001US, NPB002US, NPK002US, NPK003US, NPK004US, NPK005US,
NPK007US, NPM001US, NPM002US, NPM003US, NPM004US, NPN001US,
NPN002US, NPN003US, NPP001US, NPP002US, NPP003US, NPP005US,
NPP006US, NPP007US, NPP008US, NPP016US, NPP017US, NPP018US,
NPP019US, NPS001US, NPS003US, NPS020US, NPT001US, NPT002US,
20 NPT003US, NPT004US, NPX001US, NPX003US, NPX008US, NPX011US,
NPX014US, NPX016US, NPX020US, NPX022US, IJ52US, IJM52US,
MJ10US, MJ11US, MJ12US, MJ13US, MJ14US, MJ15US, MJ34US, MJ47US,
MJ52US, MJ58US, MJ62US, MJ63US, PAK04US, PAK05US, PAK06US,
PAK07US, PAK08US, PEC01US, PEC02US.

*Replaced
with
USSN's*

25 The disclosures of these co-pending applications are incorporated herein by cross-reference. ~~Each application is temporarily identified by its docket number. This will be replaced by the corresponding USSN when available.~~

CLEAN COPY OF AMENDMENT TO SPECIFICATION

Page 1, 7 to 28 delete and replace with the following:

--CO-PENDING APPLICATIONS

Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of the present invention simultaneously with the present application:

09/575,197 09/575,195, 09/575,159, 09/575,132, 09/575,123,
09/575,148, 09/575,130, 09/575,165, 09/575,153, 09/575,118,
09/575,131, 09/575,116 09/575,144, 09/575,139, 09/575,186,
09/575,185, 09/575,191, 09/575,145, 09/575,192, 09/575,181,
09/575,193, 09/575,156, 09/575,183, 09/575,160, 09/575,150,
09/575,169, 09/575,184, 09/575,128, 09/575,180, 09/575,149,
09/575,179, 09/575,133, 09/575,143, 09/575,187, 09/575,155,
09/575,196, 09/575,198, 09/575,178, 09/575,164, 09/575,146,
09/575,174, 09/575,163, 09/575,168, 09/575,154, 09/575,129,
09/575,124, 09/575,188, 09/575,189, 09/575,162, 09/575,172,
09/575,170, 09/575,171, 09/575,161, 09/575,141, 09/575,125,
09/575,142, 09/575,140, 09/575,190, 09/575,138, 09/575,126,
09/575,127, 09/575,158, 09/575,117, 09/575,147, 09/575,152,
09/575,176, 09/575,115, 09/575,114, 09/575,113, 09/575,112,
09/575,111, 09/575,108, 09/575,109.

The disclosures of these co-pending applications are incorporated herein by reference.--